

# CD DRIVE WHICH WILL NOT DAMAGE AN OPTICAL DISK

## Abstract

A CD drive includes an upper cover, a disk tray, a clamp, a push piece, and a guiding rod. The upper cover includes a guiding track and the disk tray is installed below the upper cover in a slidable manner. Additionally, the clamp is installed on the upper cover in a moveable manner, while the push piece is installed on the disk tray. The guiding rod has a first end fixed on the push piece, and a second end slidably installed in the guiding track. When the disk tray slides in or slides out of the upper cover, the guiding rod will slide along the guiding track and move the push piece to push the clamp upward so as to prevent the clamp from scraping an optical disk.